Date: Thu, 29 Jul 93 04:30:02 PDT
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>
Errors-To: Packet-Radio-Errors@UCSD.Edu
Reply-To: Packet-Radio@UCSD.Edu
Precedence: Bulk
Subject: Packet-Radio Digest V93 #222
To: packet-radio

Packet-Radio Digest Thu, 29 Jul 93 Volume 93 : Issue 222

Today's Topics:

Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>
Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

Date: 28 Jul 1993 13:47:25 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!usenet.ins.cwru.edu!
cleveland.Freenet.Edu!ag807@network.ucsd.edu
Subject: FTP Site for Scanning TSRs?
To: packet-radio@ucsd.edu

Is there a FTP repository for TSRs used for scanning in APLINK
and like programs?

73,
Steve, NO8M.OH

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Date: Wed, 28 Jul 93 12:58:07 -0800
From: swrinde!cs.utexas.edu!usc!howland.reston.ans.net!agate!apple!apple.com!
voder!zok!wattres!pauln@network.ucsd.edu
Subject: N0ARY

To: packet-radio@ucsd.edu

In <1993Jul23.230640.10707@emba.uvm.edu> pallack@emba-news.uvm.edu.UUCP
(J'mes ,,,) writes:
>From article <6181@cruzio.santa-cruz.ca.us>, by brettb@cruzio.santa-cruz.ca.us:
>>
>> Can anyone put me in touch with the N0ARY Internet<==>Packet Radio link...

>I also would like to find out about it..and also if possible fine the software
>to run a gate.

He wrote this own software.

73 de Paul KD6OCZ
KD6OCZ @ N0ARY

--
Support Free Software ! Write it Yourself !
Paul Nguyen - KD6OCZ
pauln!pauln@wattres.sj.ca.us

Date: 28 Jul 93 10:05:56 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: Packet can't work
To: packet-radio@ucsd.edu

In rec.radio.amateur.digital.misc, gary@ke4zv.uucp (Gary Coffman) writes:
>That's CARRIER sense, multiple access. The CD, collision detection,
>mode of ethernet isn't possible in a simplex system. However, many
>of us have recognized this fault, a media problem, and have gone
>to duplex repeaters instead of digipeaters to solve it. The hidden
>terminal problem goes away because now you hear everything the
>repeater hears in real time. And, if you operate your station in
>full duplex as well, you can even implement CD.

Has anyone actually implemented CD that way? I'd love to get in
touch with anyone who has and who would be willing to write it up
for QEX or the Digital Conference Proceedings.

Jon Bloom, KE3Z | jbloom@arrl.org
American Radio Relay League |
225 Main St., Newington CT 06111 |

Date: Wed, 28 Jul 1993 14:43:03 GMT
From: news.cerf.net!usc!sol.ctr.columbia.edu!xlink.net!rz.uni-karlsruhe.de!
news.uni-stuttgart.de!news.belwue.de!news.dfn.de!news.uni-bielefeld.de!
techfak.uni-bielefeld.de!bsieker@@pravda.sdsc.edu
Subject: Packet can't work
To: packet-radio@ucsd.edu

In article <1993Jul28.034200.9730@cs.yale.edu>, ewing@yale.edu (Martin Ewing)
writes:
[a lot about packet radio collision detection and related stuff.]

I don't know how widespread this is in the USA, but in Germany there
is an additional protocol that some (though not all) digipeaters do,
called DAMA. I don't actually know what DAMA is the abbreviation for,
but it works the way, that there is one 'master', i. e. the
Digipeater, that tells all the other stations, that are connected to
it, when to send. This asking is always done in subsequent order. If
one stations does not have anything to transmit at one moment, it
tells the DAMA master so, and after a few 'idle' rounds, it is only
asked every second, third, fourth, etc. round, until it has something
to transmit again. This also gives a chance to weak stations, to get
their packets through and makes different baud rates possible at the
same frequency simultaneously.

In my vicinity there are two difipeaters that are in reach for my
5wtts handy and 2band groundplane. One makes DAMA protocol, whereas
the other doesn't. Even if there are only two (stronger) stations at
the non-DAMA digipeater, I cann hardly establish a stable connection,
whereas on the DAMA digipeater there may be more than 8 (possibly
weak) stations connected simultaneously.

Since nearly all TNCs can do DAMA nowadays, it works excellent. There
is no more need for high power stations to 'flaten' the weaker ones,
since if they don't listen to the DAMA requests (or use an appropriate
frack time, if their modem is not yet capable of DAMA), they won't be
heard.

I would like to know how widespread this protocol is in the USA.

Especially at times, when packet gets somewhat crowded, I use the DAMA
gate, though it takes me a few 'hops' from there to my home BBS, which
has only a non-DAMA digipeater.

Hope for any responses,
Bernd, dg6yhi

--

          _ Real Life   Bernd Sieker, Universitaet Bielefeld
  only   //   IRC   Pink
 Amiga__//   HAM Radio   DG 6 YHI
      \X/   email   bsieker@techfak.uni-bielefeld.de

Minister, Minister, care for your children. Order them not into
damnation to eliminate those who would trespass against you.
                        (Fish, Forgotten Sons)

Date: 28 Jul 93 12:52:03 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: Packet can't work
To: packet-radio@ucsd.edu

In rec.radio.amateur.digital.misc, bsieker@techfak.uni-bielefeld.de (Bernd Sieker)
writes:
>In article <1993Jul28.034200.9730@cs.yale.edu>, ewing@yale.edu (Martin Ewing)
writes:
>[a lot about packet radio collision detection and related stuff.]
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Demand Assigned Multiple Access. See "DAMA - A New Method of Handling
Packets?" in the ARRL 8th Computer Networking Conference Proceedings.

Jon Bloom, KE3Z | jbloom@arrl.org
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End of Packet-Radio Digest V93 #222
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